

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A high-pressure discharge lamp comprising:

an inner vessel with a discharge chamber, and  
with at least two electrodes extending into the discharge chamber, and

~~an outer bulb surrounding the inner vessel, the outer bulb comprising glass doped with cerium oxide, the cerium oxide content being substantially 0.1 to 3% by weight with respect to the total weight of the outer bulb,~~

wherein the discharge chamber contains an ionizable filling comprising:

at least one rare gas,

0 mg to 10 mg of mercury, and  
a metal halide mixture comprising:  
40 to 80% by weight of sodium halide,  
25 to 55% by weight of scandium halide,  
1 to 15% by weight of indium halide, and  
0 to 34% by weight of thallium halide;

wherein total content of the metal halide mixture in the  
ionizable filling calculated as metal iodide amounts to <350  $\mu$ g.

2. (Previously Presented) The high-pressure discharge lamp as claimed in claim 1, wherein a color point of light emitted by the high-pressure discharge lamp in a CIE 1931 diagram has an X-color coordinate in a range from 0.345 to 0.375, and a Y-color coordinate in a range from 0.350 to 0.375.

Claim 3 (Canceled)

4. (Previously Presented) The high-pressure discharge lamp as claimed in claim 1, wherein a color temperature of light emitted by

the high-pressure discharge lamp lies in a range from 4300 K to 5000 K.

5. (Previously Presented) The high-pressure discharge lamp as claimed in claim 1, wherein luminous efficacy of light emitted by the high-pressure discharge lamp is at least 70 lm/W.

6. (Previously Presented) The high-pressure discharge lamp as claimed in claim 1, wherein a color point change with respect to an X-color coordinate and a Y-color coordinate in a CIE 1931 diagram amounts to  $\leq 6\%$  over a period of operation of the high-pressure discharge lamp of 1500 hours.

7. (Previously Presented) The high-pressure discharge lamp as claimed in claim 1, wherein the at least one rare gas includes xenon, and the ionizable filling further comprises:

50 to 70% by weight of sodium iodide,

30 to 50% by weight of scandium iodide,

1 to 15% by weight of indium iodide, and

0 to 10 mg mercury.

8. (Previously Presented) The high-pressure discharge lamp as claimed in claim 1, wherein the at least one rare gas includes xenon, and the ionizable filling comprises:

50 to 60% by weight of sodium iodide,  
35 to 45% by weight of scandium iodide,  
1 to 15% by weight of indium iodide, and  
0 to 10 mg mercury.

9. (Currently Amended) A lamp comprising:

an inner vessel including an ionizable filling; and  
an outer bulb surrounding the inner vessel;

~~wherein the outer bulb includes glass doped with cerium oxide,  
the cerium oxide content being substantially 0.1 to 3% by weight  
with respect to a total weight of the outer bulb;~~

the ionizable filling comprising:

at least one rare gas,  
0 mg to 10 mg of mercury, and

a metal halide mixture comprising:

40 to 80% by weight of sodium halide,

25 to 55% by weight of scandium halide,

1 to 15% by weight of indium halide, and

0 to 34% by weight of thallium halide;

wherein total content of the metal halide mixture in the  
ionizable filling calculated as metal iodide amounts to <350  $\mu$ g.

10. (Previously Presented) A lighting unit comprising the high-pressure discharge lamp as claimed in claim 1.

11. (Previously Presented) The high-pressure discharge lamp of claim 1, wherein a color point of light emitted by the high-pressure discharge lamp in a CIE 1931 diagram has an X-color coordinate in a range from 0.350 to 0.370, and a Y-color coordinate in a range from 0.355 to 0.370.

12. (Previously Presented) The high-pressure discharge lamp of claim 1, wherein a color point of light emitted by the high-

pressure discharge lamp in a CIE 1931 diagram has an X-color coordinate in a range from 0.355 to 0.360, and a Y-color coordinate in a range from 0.350 to 0.375.

13. (Previously Presented) The high-pressure discharge lamp of claim 1, wherein a color temperature of light emitted by the high-pressure discharge lamp lies in a range from 4700 K to 4800 K.

14. (Previously Presented) The high-pressure discharge lamp of claim 1, wherein luminous efficacy of light emitted by the high-pressure discharge lamp is at least  $\geq 75$  lm/W.

15. (Previously Presented) The high-pressure discharge lamp of claim 1, wherein a color point change with respect to an X-color coordinate and a Y-color coordinate in a CIE 1931 diagram amounts to  $\leq 5\%$  over a period of operation of the high-pressure discharge lamp of 1500 hours.

Claims 16-17 (Canceled)

18. (Previously Presented) The high-pressure discharge lamp of claim 17, wherein the percentages by weight for the metal halides, with the exception of scandium halide, relate to corresponding metal mono-halide as part of the total weight of the metal halide mixture, in relation to the corresponding mono-halide of the ionizable filling.

Claims 19-20 (Canceled)

21. (Previously Presented) The lamp of claim 20, wherein the percentages by weight for the metal halides, with the exception of scandium halide, relate to corresponding metal mono-halide as part of the total weight of the metal halide mixture, in relation to the corresponding mono-halide of the ionizable filling.